

## Abstract of the Disclosure

An object of the invention is to provide a traffic information provision system which can arbitrarily set a position resolution and a traffic representation resolution  
5 and flexibly support a traffic information prediction service.

The traffic information provision system of the invention quantizes the state quantity of traffic information changing along a road, converts said quantized  
10 state quantity to a value having statistical deviation, performs encoding of said value, and provides the encoded value to traffic information utilization apparatus such as a car navigation system. The traffic information utilization apparatus decodes said encoded state quantity  
15 to reproduce the traffic information on said road.